

Upgrade Instructions and Operation Manual Addendum

2011 NAVIGATION UPGRADE microSDHC-CARD

CNSD-210FM

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Thank you for buying this Pioneer product.

Please read through these operating instructions so you will know how to operate your model properly.



Important

- The screens shown in the examples may differ from actual screens.
- Actual screens may be changed without notice for performance and function improvements.

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- Read the entire manual before upgrading the programme of your navigation system.
- This package is unique, and cannot be installed on more than one unit.
- Web-connected computer is required for online issuance of password.

In case of trouble

- Should the navigation system fail to operate properly, contact your dealer or nearest authorised Pioneer Service Station.
- Do not lose the supplied Media Number Card (MEDIA NUMBER CARD). If the Media Number Card is lost, reissue of the Media Number (MEDIA NUMBER) is not possible. Also you must submit the Media Number Card when repairs are needed. The card is necessary as proof of authenticity if service is required (including recovery). ▣

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“microSD card”

The microSD card and microSDHC card are collectively referred to as the “microSD card”.

- ▣ Keep the microSD card out of the reach of small children to prevent them from accidentally swallowing it.
- ▣ Do not store the microSD card in high temperatures or direct sunlight.

- ▣ Do not subject the microSD card to shock or impact.
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Models to be upgraded

This package can upgrade the software programme and database of the following models:

- AVIC-F10BT
- AVIC-F20BT
- CNSD-110FM
- ▣ In this manual, CNSD-110FM indicates the navigation system that is upgraded from AVIC-F10BT using the software upgrade CNSD-110FM. ▣

Precaution

Manual overview

This manual describes how to get the password and activate the upgrade. It also provides an overview of how functions change after the upgrade.

By upgrading AVIC-F10BT, AVIC-F20BT or CNSD-110FM with this product, functions and operations will be nearly equivalent to AVIC-F930BT. Therefore, obtain Operation Manual for AVIC-F930BT and use it as your primary reference.

<http://www.pioneer.eu>

Unchanged functions on the upgraded programme

Even if you upgrade AVIC-F10BT, AVIC-F20BT or CNSD-110FM with this product, the following functions do not become the same as AVIC-F930BT.

Therefore, refer to Operation Manual included in the package of your navigation system for operation procedures.

- Using the equaliser
- Setting the simulated sound stage
- Switching the auto aerial setting (for AVIC-F10BT and CNSD-110FM)
- Changing the voice output of the navigation guidance (for AVIC-F10BT and CNSD-110FM)

Even if you upgrade AVIC-F10BT, AVIC-F20BT or CNSD-110FM with this product, the following functions are unavailable.

- Displaying your DivX VOD deregistration code
- Using sonic centre control
- Adjusting the equaliser curve automatically (Auto EQ) 

Setting items to be deleted and initialised by upgrade

The following data and settings will be cleared and reset to default values. Other items will be retained. However, some items are not listed because the setting can be easily recovered by users, such as the last cursor position on the map screen.

Route setting

- Current route
- Learning route data

Map function

Setting of "Overlay POI"

The user data stored in the internal memory of the unit may be erased if an unexpected error occurs during software installation. Pioneer is not responsible for any data loss or unavailability of user data.



Functions disabled by upgrade (for AVIC-F10BT)

Upgrading disables the following functions.

Displaying power voltage

"Power Voltage" on the "Status" screen will no longer appear.

Searching for a name by entering multiple keywords

The function of searching by entering multiple keywords will be unavailable.

When you enter characters, the system will automatically search the database for all possible options. Only the characters you enter are active.

Displaying the "AV Source" menu

The "AV Source" menu to select the audio and visual source will no longer appear. 

Functions disabled by upgrade (for AVIC-F20BT and CNSD-110FM)

- ❑ In this manual, CNSD-110FM indicates the navigation system that is upgraded from AVIC-F10BT using the software upgrade CNSD-110FM.

Upgrading disables the following functions.

Searching for a name by entering multiple keywords

The function of searching by entering multiple keywords will be unavailable.

When you enter characters, the system will automatically search the database for all possible options. Only the characters you enter are active. ■

- ❑ If the home location has not been stored yet, set the location first.
- Functions of other keys on the same screen are indicated with ■ at the beginning of the description:
e.g.)
■ If you touch [OK], the entry is deleted.
- References are indicated like this:
e.g.)
➞ For details of the operation, refer to *Checking the device number* on page 19. ■

Conventions used in this manual

Before moving on, take a few minutes to read the following information about the conventions used in this manual. Familiarity with these conventions will help you greatly as you learn how to use your new equipment.

- Buttons on your navigation system are described in **ALL CAPITAL, BOLD** lettering:
e.g.)
Press the **MODE** button or the **HOME** button.
- Menu items, screen titles, and functional components are described in **bold** with double quotation marks “ ”:
e.g.)
The “**System Settings**” screen appears.
- Touch panel keys that are available on the screen are described in **bold** in brackets []:
e.g.)
Touch [**Settings**].
- Extra information, alternatives and other notes are presented in the following format:
e.g.)

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PIONEER CNSD-210FM

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Instructions for upgrading

The navigation system upgrade process

- 1 Check the device number of your navigation system.
 - ➔ For details of the operation, refer to *Checking the device number* on this page.
- ↓
- 2 Get the password for authentication.
 - ➔ For details, refer to *Getting the password for authentication* on this page.
- ↓
- 3 Upgrade the software programme of your navigation system.
 - ➔ For details of the operation, refer to *Upgrading the software programme and the map database* on the next page.
- ↓
- 4 Check whether the upgrade was done properly.
 - ➔ For details of the operation, refer to *Checking whether the upgrade was done properly* on page 21.
- ↓
- 5 Update the Bluetooth firmware.
 - ➔ For details of the operation, refer to *Updating the Bluetooth wireless technology software (for AVIC-F10BT)* on page 21.
 - ➔ For details of the operation, refer to *Updating the Bluetooth wireless technology software (for AVIC-F20BT and CNSD-110FM)* on page 23.



Preparation for upgrade

Checking the device number

First, check your device number (DEVICE NUMBER, displayed such as Device # or Device Number) of your navigation system for later procedures. To display the device number, do the following.

1 Press the HOME button to display the “Top Menu” screen.

2 Touch [Settings].
The “Settings Menu” screen appears.

3 Touch [System Settings].
The “System Settings” screen appears.

4 Touch [Service Information].
The “Service Information Screen” screen appears.

5 Write down your device number (Device Number) onto the supplied Media Number Card (MEDIA NUMBER CARD) to avoid mistakes.

- ☐ Also write down “Version” information which would be used to confirm completion of the update.

Getting the password for authentication

For upgrade, a unique password issued online is necessary. Access the website with your PC and get your password.

The following information is required.

- Media Number (MEDIA NUMBER) printed on supplied Media Number Card (MEDIA NUMBER CARD)
- Device Number (DEVICE NUMBER) of your navigation system

1 Access on the following website to issue your password.
<http://www.pioneer-rus.ru/UnlockNavigate>
For issuing the password, follow the instruction on the website.

2 Record the password that you received.

You need to input this password accurately. Write down your password to avoid mistakes. ■

Upgrade procedures

- NEVER stop the engine of your vehicle or turn off the power supply to the navigation system until the installation is completed. Turning the power off during upgrade process causes a malfunction or failure of the navigation system.
- No functions are available during upgrade process.

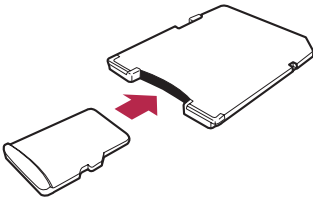
Upgrading the software programme and the map database

This section describes the upgrade procedures for your navigation system.

- The upgrade takes approximately 30 minutes in total.

1 Park your vehicle in a safe place and apply the handbrake.

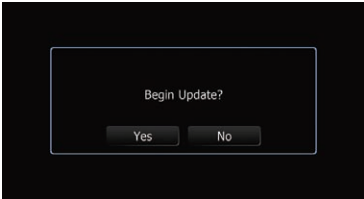
2 Insert the upgrade microSD card #1 (8 GB) into the SD card adapter.



3 Insert the upgrade microSD card #1 (8 GB) into the SD card slot.

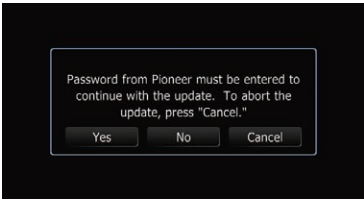
The message confirming whether or not to start the update will appear.

4 Touch [Yes].



The message confirming whether or not to enter the password will appear.

5 Touch [Yes].



After a short pause, the keyboard for entering the password will appear.

- If you touch [No], the device number (Device #) of your navigation system will appear.
- If you touch [Cancel], the update will be cancelled.

6 Enter the password for authentication that you obtained, then touch [OK].



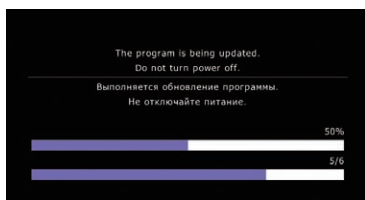
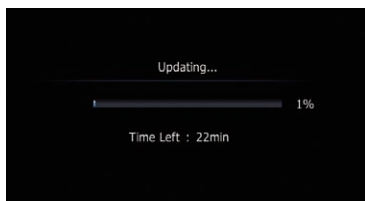
A message confirming whether to restart the navigation system appears.

7 Touch [OK].

The navigation system restarts and then the installation begins.

Instructions for upgrading

- 8 Wait until the upgrade process is complete.



After the installation is complete, the navigation system restarts.

Checking whether the upgrade was done properly

Display “**Service Information Screen**” screen to compare the current version number with the previous one.

- 1 Press the **HOME** button to display the “**Top Menu**” screen.

- 2 Touch [**Settings**].

The “**Settings Menu**” screen appears.

- 3 Touch [**System Settings**].

The “**System Settings**” screen appears.

- 4 Touch [**Service Information**].

The “**Service Information Screen**” screen appears.

- 5 Check the version information.

- 6 Eject the upgrade microSD card #1 (8 GB).

Updating the Bluetooth wireless technology software (for AVIC-F10BT)

- ☐ This update is for customers updating the Bluetooth firmware of AVIC-F10BT for the first time.
- ☐ For customers who upgraded the software of AVIC-F10BT with CNSD-110FM, refer to *Updating the Bluetooth wireless technology software (for AVIC-F20BT and CNSD-110FM)* on page 23.

Access the Pioneer website to check your phone's compatibility. If your phone is on the list and you wish to update, manually update the Bluetooth firmware after the automatic upgrade is finished.

<http://www.pioneer.eu>



CAUTION

- Be sure to upgrade your navigation system first.
- Be careful to follow the update procedure correctly. If you make a mistake, Bluetooth wireless technology functions will become unavailable.
 - ☐ Consult your authorised dealer if you are unable to use Bluetooth wireless technology functions.
- Be sure to complete the Bluetooth firmware update procedure without interruption.

- ☐ Registered phones that are listed on the “**Connection List**” screen are cleared by the software update.

- 1 Insert the upgrade microSD card #1 (8 GB) into the SD card adapter.

- 2 Insert the upgrade microSD card #1 (8 GB) into the SD card slot.

- 3 Press the **HOME** button to display the “**Top Menu**” screen.

Instructions for upgrading

4 Touch [Settings].

The “Settings Menu” screen appears.

5 Touch [Bluetooth Settings].

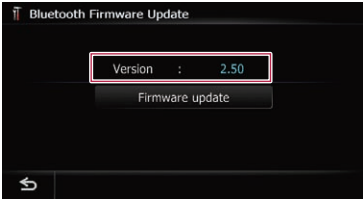
The “Bluetooth Settings” screen appears.

6 Touch [Firmware update].

The current version is displayed.

7 Confirm the Bluetooth firmware version.

Make sure that the current version is 2.50.



8 Touch [Firmware update].

The message confirming whether or not to start the update will appear.

9 Make sure that the current Bluetooth firmware version is 2.50 and the new Bluetooth firmware version is 3.10.



10 Touch [Yes].

Update starts.

11 Wait until the upgrade process is complete.

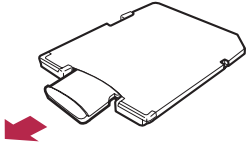
A message will appear after the update is complete.

12 Touch [OK].

The message disappears, and the map screen returns.

13 Eject the upgrade microSD card #1 (8 GB).

14 Eject the upgrade microSD card #1 (8 GB) from the SD card adapter.



15 Insert the upgrade microSD card #2 (2 GB) into the SD card adapter.

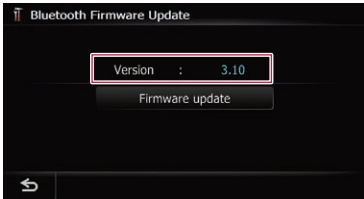
16 Insert the upgrade microSD card #2 (2 GB) into the SD card slot.

17 Repeat steps 3 through 6.

18 Confirm the Bluetooth firmware version.

Make sure that the current version is 3.10.

- ☐ If the current version is 2.50, return to step 1.



19 If the current version is 3.10, touch [Firmware update].

The message confirming whether or not to start the update will appear.

Instructions for upgrading

20 Make sure that the current Bluetooth firmware version is 3.10 and the new Bluetooth firmware version is 3.22.



21 Touch [Yes].

Update starts.

22 Wait until the upgrade process is complete.

A message will appear after the update is complete.

23 Touch [OK].

The message disappears, and the map screen returns.

24 Eject the upgrade microSD card #2 (2 GB).

Update is completed.

Updating the Bluetooth wireless technology software (for AVIC-F20BT and CNSD-110FM)

- ❑ In this manual, CNSD-110FM indicates the navigation system that is upgraded from AVIC-F10BT using the software upgrade CNSD-110FM.

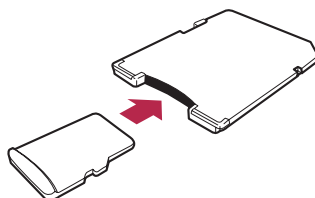
Access the Pioneer website to check your phone's compatibility. If your phone is on the list and you wish to update, manually update the Bluetooth firmware after the automatic upgrade is finished.

<http://www.pioneer.eu>

! CAUTION

- Be sure to upgrade your navigation system first.
- Be careful to follow the update procedure correctly. If you make a mistake, Bluetooth wireless technology functions will become unavailable.
 - ❑ Consult your authorised dealer if you are unable to use Bluetooth wireless technology functions.
- Be sure to complete the Bluetooth firmware update procedure without interruption.
- ❑ Registered phones that are listed on the "Connection List" screen are cleared by the software update.

1 Insert the upgrade microSD card #2 (2 GB) into the SD card adapter.



2 Insert the upgrade microSD card #2 (2 GB) into the SD card slot.

3 Press the HOME button to display the “Top Menu” screen.

4 Touch [Settings].

The “Settings Menu” screen appears.

5 Touch [Bluetooth Settings].

The “Bluetooth Settings” screen appears.

6 Touch [Firmware update].

The current version is displayed.

7 Confirm the Bluetooth firmware version.

Make sure that the current version is 3.11.



8 If the current version is 3.11, touch [Firmware update].

The message confirming whether or not to start the update will appear.

9 Make sure that the current Bluetooth firmware version is 3.11 and the new Bluetooth firmware version is 3.22.



10 Touch [Yes].

Update starts.

11 Wait until the upgrade process is complete.

A message will appear after the update is complete.

12 Touch [OK].

The message disappears, and the map screen returns.

13 Eject the upgrade microSD card #2 (2 GB).

Update is completed. 

Changes on the upgraded programme

If you upgrade your navigation system using this product, the system will have the following changes.

For customers using AVIC-F10BT

Eco-friendly driving functions

- The eco-friendly driving functions are an estimate of the real time fuel consumption to average fuel consumption ratio and is not an actual value.
- The eco-friendly driving functions and calculations take into consideration the location of the GPS position and speed of the vehicle in determining a value.
- Indications of the navigation system may be different from the actual value.
- Some of the features of the navigation system do not take in to consideration the type of vehicle it is installed into.

Upgrading enables the Eco-driving function, which supports environmentally-friendly driving.

- Displaying Eco-Meter on the map
- Checking the eco-friendly driving status
- Displaying Eco Drive Level guidance
- Sudden start alert

Displaying tick marks on the "Overlay POI (Main Category)" screen

A tick mark appears next to the main category containing the selected sub-category.

Interruption icon status

The display status for the **TRFC** indicator and **NEWS** indicator will be changed.

Setting the illumination colour

"Memory 3" will be changed to "Eco".

Searching for a name by entering characters

When you enter characters on a search screen, the system will automatically search the database for all possible options. Only the characters you enter are active.

AV functions

The AV source screen design and operation procedure will be changed.

- ❑ Refer to this manual for DVD-VR operation procedures.
- ➡ For details of the operation, refer to *Playing a DVD-VR disc* on the next page. ❑

For customers using AVIC-F20BT or CNSD-110FM

- ❑ In this manual, CNSD-110FM indicates the navigation system that is upgraded from AVIC-F10BT using the software upgrade CNSD-110FM.

Searching for a name by entering characters

When you enter characters on a search screen, the system will automatically search the database for all possible options. Only the characters you enter are active. ❑

❑ This function is available for AVIC-F10BT and CNSD-110FM.
You can play a DVD-VR (DVD Video Recording Format) disc using the built-in drive of the navigation system. This section describes operations for DVD-VR discs.

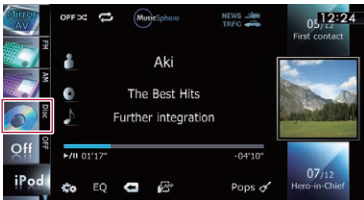
Starting procedure

1 Press the **MODE** button to display the **AV operation screen**.

2 Insert the disc you want to play into disc-loading slot.

The source changes and then playback will start.

- ❑ If the disc is already set, tap **[Disc]** on the left edge of the screen.

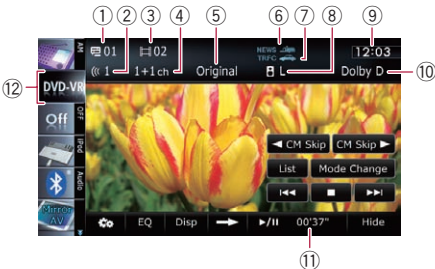


3 Use the touch panel keys on the screen to control the disc.

- ➡ For details, refer to *Using the touch panel keys* on the next page. ❑

- Shows the title number currently playing.
- ② **Audio track indicator**
Shows the audio track number currently selected.
- ③ **Chapter number indicator**
Shows the chapter number currently playing.
- ④ **Audio channel indicator**
Shows the current audio channel type, such as "Mch" (Multi-channel).
- ⑤ **Play mode indicator**
Shows the current play mode.
➡ For details, refer to *Switching the playback mode* on page 29.
- ⑥ **NEWS indicator**
Shows the status of news programmes.
- ⑦ **TRFC indicator**
Shows the status of traffic announcements.
- ⑧ **Mixing condition indicator**
Shows the current mixing condition.
➡ For details, refer to *Selects audio output* on page 31.
- ⑨ **Current time**
- ⑩ **Digital sound format indicator**
Shows which digital sound format (surround sound format) has been selected.
- ⑪ **Play time indicator**
Shows the elapsed playing time within the current title.
- ⑫ **Source icon**
Shows which source has been selected. ❑

Reading the screen

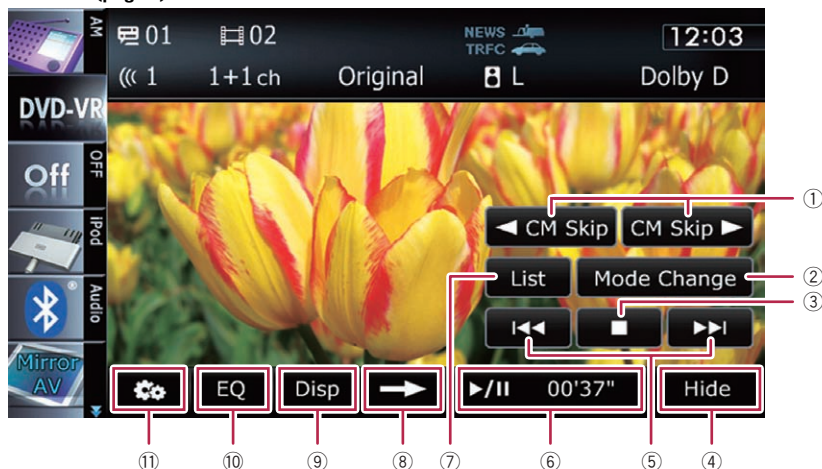


① **Title number indicator**

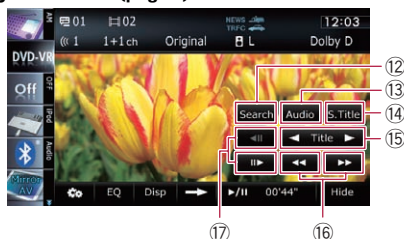
Playing a DVD-VR disc

Using the touch panel keys

Playback screen (page 1)



Playback screen (page 2)



- ❑ With some discs, the icon  may be displayed, meaning that the operation is invalid.

① ◀ CM Skip/CM Skip ▶

➡ For details, refer to *Using the short-time skip function* on page 29.

② Switches the playback mode

➡ For details, refer to *Switching the playback mode* on page 29.

③ Stops playback

④ Hides the touch panel keys and information of the current video

Touching [Hide] shows only the current video.

⑤ Skips forward or backward

Touching [▶▶] skips to the start of the next chapter. Touching [◀◀] once skips to the

start of the current chapter. Touching it twice quickly will skip to the previous chapter.

- ❑ You can also perform these operations by using the TRK (◀/▶) button.

⑥ Playback and Pause

Touching [▶/||] switches between playback and pause.

⑦ Displays the title list

Displays the title list recorded on the disc.

- ❑ A dash (–) is displayed if there is no corresponding information.

➡ For details, refer to *Playing by selecting from the title list* on the next page.

⑧ Switches to the next page of touch panel keys

⑨ Switches the display

Touching [Disp] changes the information as follows:

Disc information display — Repeat range display and on-off state of the subtitle

10 Recalls equaliser curves

➡ For details of the operations, refer to *Using the equaliser* on page 30.

11 Displays the “Function” menu

➡ For details, refer to *Using advanced functions* on page 31.

12 Searches for a desired scene and starts playback from a specified time

➡ For details, refer to *Searching for a specific scene and starting playback from a specified time* on this page.

13 Changes audio tracks (Multi-audio)

Each touch of [Audio] switches between audio tracks.

☐ Display indications such as **MPEG-A** and **Mch** describe the audio track recorded on the DVD. This indication may not be the same as the actual sound currently output from the navigation system.

14 Changes the subtitle (Multi-subtitle)

Each touch of [S.Title] switches between the subtitle languages recorded on the disc.

15 Skips the title forward or backward

Touching [▶] skips to the start of the next title.
Touching [◀] skips to the start of the previous title.

16 Fast reverse or forward

Touch and hold [◀◀] or [▶▶] to perform fast reverse or forward.

If you keep touching [◀◀] or [▶▶] for five seconds, fast reverse/fast forward continues even if you release either of these keys. To resume playback at a desired point, touch [▶/II] or opposite key of [◀◀] or [▶▶] which you touched.

17 Frame-by-frame playback (or slow-motion playback)

➡ For details, refer to *Frame-by-frame playback* on the next page.

➡ For details, refer to *Slow motion playback* on the next page.

Playing by selecting from the title list

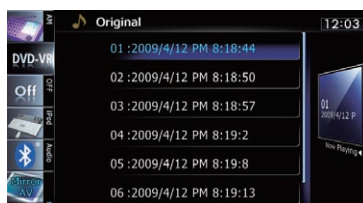
You can select and play the title you want from the list.

1 Touch [List] on the playback screen.

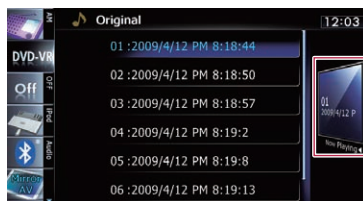
2 Scroll the list by dragging items up or down to display the item you want to select.

- ☐ Flicking a list item enables you to quickly scroll through the list.
- ☐ To stop scrolling, gently touch the list.

3 Touch the title to play from the list.



4 Touch the key on the right edge of the screen.



The previous screen returns.

Searching for a specific scene and starting playback from a specified time

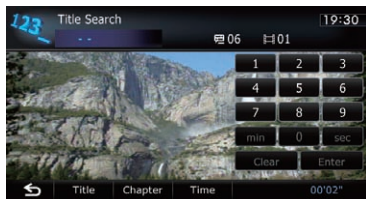
You can search for the scene you want by specifying a title or a chapter, and the time.

- ☐ Chapter search and time search are not available when disc playback has been stopped.

Playing a DVD-VR disc

1 Touch [Search] and then touch [Title] (title), [Chapter] (chapter), [Time] (time).

2 Touch the keys to input the target number or time and then touch [Enter].



For titles, chapters

- To select 3, touch [3] and [Enter] in order.
- To select 10, touch [1] and [0] and [Enter] in order.

For time (time search)

- To select 5 minutes 3 seconds, touch [5], [min], [3], [sec] and [Enter] in order.
- To select 71 minutes 00 seconds, touch [7], [1], [min] and [Enter] in order.
- To select 100 minutes 05 seconds, touch [1], [0], [0], [5], [sec] and [Enter] in order.
- ☐ To cancel an input number, touch [Clear].
- To cancel the input numbers, touch and hold [Clear].

Switching the playback mode

You have two methods for playing DVD-VR discs; **Original** (original) and **Playlist** (playlist).

- ☐ Titles created with DVD recorders are called original. Those based on original, re-arranged titles are called playlist. Playlists are created on DVD-R/RW discs.

● Touch [Mode Change] to switch the play mode.

If the play mode is changed, playback starts from the beginning of the selected play mode.

Using the short-time skip function

This function enables you to skip over your specified interval on the video playback. This

is useful to skip commercials on your recorded DVD-VR disc.

- **To skip progressively backward or forward, touch [◀ CM Skip] or [CM Skip ▶].** Each touch of [◀ CM Skip] or [CM Skip ▶] changes steps in the following order:

◀ CM Skip

5 sec. — 15 sec. — 30 sec. — 1 min. — 2 min. — 3 min. — 0 sec.

CM Skip ▶

30 sec. — 1 min. — 1.5 min. — 2 min. — 3 min. — 5 min. — 10 min. — 0 sec.

Frame-by-frame playback

This lets you move ahead one frame at a time during playback.

● Touch [II▶] during playback.

Each time you touch [II▶], you move ahead one frame.

To return to normal playback, touch [▶/II].

- ☐ With some discs, images may be unclear during frame-by-frame playback.

Slow motion playback

This lets you slow down playback speed.

1 Touch and hold [II▶] until ■▶ is displayed during playback.

The icon ■▶ is displayed, and forward slow motion playback begins.

- ☐ To return to normal playback, touch [▶/II].

2 Touch [◀II] or [II▶] to adjust playback speed during slow motion playback.

Each time you touch [◀II] or [II▶] it changes the speed in four steps in the following order:

1/16 ↔ 1/8 ↔ 1/4 ↔ 1/2

- ☐ There is no sound during slow motion playback.
- ☐ With some discs, images may be unclear during slow motion playback.
- ☐ Reversed slow motion playback is not possible.

Using the equaliser

The equaliser lets you adjust equalisation to match vehicle interior acoustic characteristics as desired.

Recalling equaliser curves

There are seven stored equaliser curves that you can easily recall at any time. Here is a list of the equaliser curves:

Equaliser curve

S.Bass (Super Bass) is a curve in which only low-pitched sound is boosted.

Powerful is a curve in which low-pitched and high-pitched sounds are boosted.

Natural is a curve in which low-pitched and high-pitched sounds are slightly boosted.

Vocal is a curve in which the midrange, which is the human vocal range, is boosted.

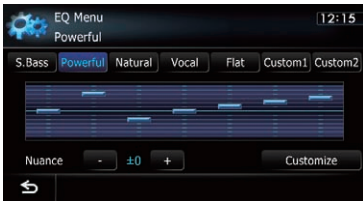
Flat is a flat curve in which nothing is boosted.

Custom1 is an adjusted equaliser curve that you create. A separate custom curve can be created for each source.

Custom2 is an adjusted equaliser curve that you create. If you select this curve, the effect is applied to all AV sources.

- ☐ When “**Flat**” is selected, no supplement or correction is made to the sound. This is useful to check the effect of the equaliser curves by switching alternatively between “**Flat**” and a set equaliser curve.

- 1 Touch [EQ].
- 2 Touch the equaliser you want.



Adjusting the preset equaliser curve effect

You can adjust the effect of the preset equaliser curves.

The following equaliser curves can be adjusted:

- **S.Bass**
- **Powerful**
- **Natural**
- **Vocal**

- 1 Touch [EQ].
- 2 Touch the equaliser you want.
- 3 Touch [+] or [-] next to “Nuance”.
 - ☐ The level can be adjusted in the range of -6 to +6.
 - ☐ If “**Natural**” is selected, the level can be adjusted in the range of -4 to +6.

Customising the equaliser curves

You can adjust the currently selected equaliser curve setting as desired. Adjustments can be made with a 7-band graphic equaliser.

The difference between “Custom1” and “Custom2”

- A separate “**Custom1**” curve can be created for each source. If you make adjustments when a curve “**S.Bass** (Super Bass)”, “**Powerful**”, “**Natural**”, “**Vocal**”, “**Flat**”, or “**Custom1**” is selected, the equaliser curve settings will be memorised in “**Custom1**”.
- A “**Custom2**” curve can be created common to all sources. If you make adjustments when “**Custom2**” curve is selected, the “**Custom2**” curve will be updated.
- The “**Custom1**” curve is applied to each of the source selected, but you can apply the same curve to the following sources.
 - **CD, ROM, DVD-V, DVD-VR, DivX**
 - **AM and FM**
 - **EXT1 and EXT2**
 - **AV1 and AV2**
 - **SD and USB**

Playing a DVD-VR disc

- ❑ The different curve can be memorised between **iPod** and **USB**.

1 Touch [EQ].

2 Touch one of the keys to select a curve that you want to use as the basis of customising.

3 Touch [Customize].

4 Touch the frequency that you want to adjust the level.



5 Touch [▲] or [▼] to adjust the level of the equaliser band.

Each time you touch [▲] or [▼], the level of the equaliser band increases or decreases. ❑

- ❑ If you perform chapter (title) search, fast forward, fast reverse or slow motion playback, the repeat play range changes to **"Disc"**.
- ❑ This function is not available when disc playback has been stopped.

② Selects audio output

When playing DVDs that both channels are recorded in monaural, you can switch the audio output. Touch [L/R Select] repeatedly until the desired audio output appears in the display.

Each touch of [L/R Select] changes the settings as follows:

- **L:** Left
- **R:** Right
- **Mix:** Mixing left and right
- **L+R:** Left and right

- ❑ This function is not available when disc playback has been stopped.

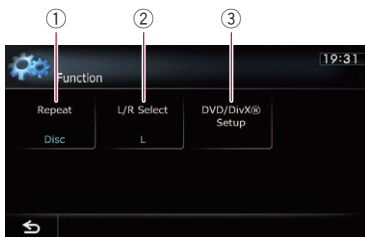
③ DVD setup adjustments

- ➔ For detailed operations, refer to Operation Manual for AVIC-F930BT. ❑

Using advanced functions

- Touch  on the "DVD-VR" screen.

The "Function" menu appears.



① Changes the repeat range

Each touch of [Repeat] changes the setting as follows:

- **Disc:** Plays throughout the current disc.
- **Chapter:** Repeats just the current chapter.
- **Title:** Repeats just the current title.

Troubleshooting

Problems in the procedures for updating

Symptom	Cause	Action
The upgrade process doesn't start and the navigation system boots up as usual.	An incorrect microSD card has been inserted.	Eject the inserted microSD card and insert the correct upgrade microSD card.
	Upgrade has been already done.	Check whether the upgrade was done properly. If the upgrade has not been done yet, consult the nearest authorised service station.
	The screen that cannot begin the upgrade process is displayed.	Eject the upgrade microSD card #1 (8GB), and display the map of your current position, and then reinsert the upgrade microSD card #1 (8GB).
The navigation system does not work properly after upgrade.	The engine of your vehicle was stopped or the power supply to the navigation system was turned off during upgrade process.	Consult the nearest authorised service station.
	Upgrade microSD card was pulled out during upgrade process.	Consult the nearest authorised service station.



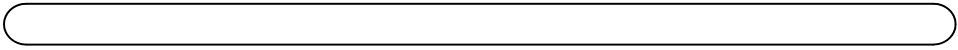
Messages in the procedures for updating

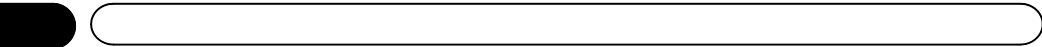
The following messages may be displayed by your navigation system. Refer to the table below to identify the problem, then take the suggested corrective action.

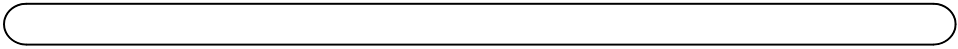
There are occasions when you may see error messages other than those shown here. In such a case, follow the instructions given on the display.

Message	When	What to do
An error occurred and the update failed.	Unexpected error occurred in the update process.	Consult your local Pioneer dealer if this message persists.









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Посетите **www.pioneer-rus.ru** (или **www.pioneer.eu**) для регистрации приобретенного Вами изделия.

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